

ABSTRACT

The present invention relates to novel proteins, in particular membrane proteins or proteins which are firmly associated with the membrane, which are derived from *Helicobacter pylori* (*H. pylori*) and which contain the peptide sequence SEQ ID NO:37 according to Tables 1a – 1c, or to parts or homologues thereof having a minimum length of ten amino acids, and to their preparation and use as pharmaceutical compositions, in particular as vaccines, or as a diagnostic agent. Based on these data, the gene coding for this protein was also isolated as shown in SEQ ID NO: 36.